

PC-0037 US

<110> Lal, Preeti
Faris, Mary
Chen, Huei-Mei
Ison, Craig H.

<120> STEAP-RELATED PROTEIN

<130> PC-0037 US

<140> To Be Assigned
<141> Herewith

<160> 11

<170> PERL Program

<210> 1

<211> 490

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7492448CD1

<400> 1

Met Glu Ser Ile Ser Met Met Gly Ser Pro Lys Ser Leu Ser Glu
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Thr Cys Leu Pro Asn Gly Ile Asn Gly Ile Lys Asp Ala Arg Lys
20 25 30
Val Thr Val Gly Val Ile Gly Ser Gly Asp Phe Ala Lys Ser Leu
35 40 45
Thr Ile Arg Leu Ile Arg Cys Gly Tyr His Val Val Ile Gly Ser
50 55 60
Arg Asn Pro Lys Phe Ala Ser Glu Phe Phe Pro His Val Val Asp
65 70 75
Val Thr His His Glu Asp Ala Leu Thr Lys Thr Asn Ile Ile Phe
80 85 90
Val Ala Ile His Arg Glu His Tyr Thr Ser Leu Trp Asp Leu Arg
95 100 105
His Leu Leu Val Gly Lys Ile Leu Ile Asp Val Ser Asn Asn Met
110 115 120
Arg Ile Asn Gln Tyr Pro Glu Ser Asn Ala Glu Tyr Leu Ala Ser
125 130 135
Leu Phe Pro Asp Ser Leu Ile Val Lys Gly Phe Asn Val Val Ser
140 145 150
Ala Trp Ala Leu Gln Leu Gly Pro Lys Asp Ala Ser Arg Gln Val
155 160 165
Tyr Ile Cys Ser Asn Asn Ile Gln Ala Arg Gln Gln Val Ile Glu
170 175 180
Leu Ala Arg Gln Leu Asn Phe Ile Pro Ile Asp Leu Gly Ser Leu
185 190 195
Ser Ser Ala Arg Glu Ile Glu Asn Leu Pro Leu Arg Leu Phe Thr
200 205 210
Leu Trp Arg Gly Pro Val Val Val Ala Ile Ser Leu Ala Thr Phe
215 220 225

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Phe	Phe	Leu	Tyr	Ser	Phe	Val	Arg	Asp	Val	Ile	His	Pro	Tyr	Ala
				230					235					240
Arg	Asn	Gln	Gln	Ser	Asp	Phe	Tyr	Lys	Ile	Pro	Ile	Glu	Ile	Val
				245					250					255
Asn	Lys	Thr	Leu	Pro	Ile	Val	Ala	Ile	Thr	Leu	Leu	Ser	Leu	Val
				260					265					270
Tyr	Leu	Ala	Gly	Leu	Leu	Ala	Ala	Ala	Tyr	Gln	Leu	Tyr	Tyr	Gly
				275					280					285
Thr	Lys	Tyr	Arg	Arg	Phe	Pro	Pro	Trp	Leu	Glu	Thr	Trp	Leu	Gln
				290					295					300
Cys	Arg	Lys	Gln	Leu	Gly	Leu	Leu	Ser	Phe	Phe	Phe	Ala	Met	Val
				305					310					315
His	Val	Ala	Tyr	Ser	Leu	Cys	Leu	Pro	Met	Arg	Arg	Ser	Glu	Arg
				320					325					330
Tyr	Leu	Phe	Leu	Asn	Met	Ala	Tyr	Gln	Gln	Val	His	Ala	Asn	Ile
				335					340					345
Glu	Asn	Ser	Trp	Asn	Glu	Glu	Glu	Val	Trp	Arg	Ile	Glu	Met	Tyr
				350					355					360
Ile	Ser	Phe	Gly	Ile	Met	Ser	Leu	Gly	Leu	Leu	Ser	Leu	Leu	Ala
				365					370					375
Val	Thr	Ser	Ile	Pro	Ser	Val	Ser	Asn	Ala	Leu	Asn	Trp	Arg	Glu
				380					385					390
Phe	Ser	Phe	Ile	Gln	Ser	Thr	Leu	Gly	Tyr	Val	Ala	Leu	Leu	Ile
				395					400					405
Ser	Thr	Phe	His	Val	Leu	Ile	Tyr	Gly	Trp	Lys	Arg	Ala	Phe	Glu
				410					415					420
Glu	Glu	Tyr	Tyr	Arg	Phe	Tyr	Thr	Pro	Pro	Asn	Phe	Val	Leu	Ala
				425					430					435
Leu	Val	Leu	Pro	Ser	Ile	Val	Ile	Leu	Gly	Lys	Ile	Ile	Leu	Phe
				440					445					450
Leu	Pro	Cys	Ile	Ser	Arg	Lys	Leu	Lys	Arg	Ile	Lys	Lys	Gly	Trp
				455					460					465
Glu	Lys	Ser	Gln	Phe	Leu	Glu	Glu	Gly	Ile	Gly	Gly	Thr	Ile	Pro
				470					475					480
His	Val	Ser	Pro	Glu	Arg	Val	Thr	Val	Met					
				485					490					

<210> 2
<211> 1891
<212> DNA
<213> *Homo sapiens*

<220>
<221> misc_feature
<223> Incyte ID No: 7492448CB1

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ctgcaaggct cgccccctgcc cggcgtggag ggccgggggg gcgccgagaa agtgaagaga 180
ggaaaatttggaa aaatttgtgag tggacccttct gatactgctc ctccttgcgt gaaaaagggg 240
aaagaactgc atgcatatta ttccagcttc tatattcaaa ggatattctt ggtgatcttg 300
gaagtgtccg tattcatggaa tcaatctcta tgatgggaag ccctaagagc ctttagtggaa 360
cttggtttacc taatggcata aatggtatca aagatgcaag gaaggtaact gttaggtgtga 420
tttggaaagtgg agattttgcg aaatcccttga ccattcgact tattagatgc ggctatcatg 480
tggtcatagg aagttagaaat ccttaagtttgc cttctgaatt ttttcctcat gtggtagatg 540
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tca	tatcatca	tgaagatgct	ctcacaaaaaa	caaataataat	atttggcgt	atacacacagg	600
aac	attttatac	ctccctgtgg	gacctgagac	atctgcttg	gggtaaaatc	ctgattgtat	660
tg	agcaataa	catgaggata	aaccagtacc	cagaatccaa	tgctgaatat	ttggcttcat	720
tat	ttcccaga	tttttgatt	gtcaaaaggat	ttaatgttg	ctcagcttgg	gcacttcagt	780
tag	gacctaa	ggatgccagc	cggcaggtt	atataatgcag	caacaatatt	caagcgccac	840
aa	caggttat	tgaacttgcc	cggcaggatga	atttcattcc	cattgacttg	ggatccttat	900
ca	tcagccag	agagattgaa	aatttacccc	tacgactctt	tactctctgg	agagggccag	960
tg	gttgttagc	tataagctt	gccacat	tttcttta	ttccttgc	agagatgtga	1020
tt	tcatccata	tgttagaaac	caacagatg	acttttacaa	aattccata	gagattgtga	1080
at	aaaaacctt	acctatagg	gccattactt	tgctctccct	agtataac	tcgcaggcttc	1140
tg	gcagctgc	ttatcaactt	tattacggca	ccaagtataag	gagatttcca	ccttgggttgg	1200
aa	aacctggtt	acagtgtaga	aaacagctt	gattactaag	tttttctt	gctatggtcc	1260
at	gttgccta	cagccctctgc	ttaccgatga	gaaggtcaga	gagatattt	tttctcaaca	1320
tg	ggcttatca	gcaggttcat	gcaaataatt	aaaactctt	gaatgaggaa	gaagtttgg	1380
ga	atttgaat	gtatatctcc	tttggcataa	tgagccttgg	cttacttcc	ctcctggcag	1440
tc	acttctat	cccttcagt	agcaatgtt	taaactggag	agaattcagt	tttattcagt	1500
ct	acacttgg	atatgtcgct	ctgctcataa	gtactttcca	tgtttaatt	tatggatgga	1560
aa	cagagctt	tgaggaagag	tactacagat	tttatacacc	accaaactt	gttcttgctc	1620
tt	gttttgcc	ctcaattgt	attctggta	agattatttt	attccttcca	tgtataagcc	1680
ga	aaagctaa	acgaattaaa	aaaggctggg	aaaagagcca	atttctggaa	gaaggttattg	1740
ga	gacaat	tcctcatgtc	tccccggaga	gggtcacagt	aatgtgatga	taaatggtgt	1800
tc	cacagctgc	catataaaagt	tctactcatg	ccattatttt	tatgacttct	acgttcagg	1860
ac	aaagtatgc	tgtcaaatta	tcgtgggtt	a			1891

<210> 3
<211> 517
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<223> Incyte ID No: 7100809H1

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ctgcaaggct cccccctgcc cggcgtggag ggcgcggggg ggcggagaa agtgaagaga 180
ggaaaattgga aaattgtgag tggaccttct gatactgctc ctccttgcgt ggaaaagggg 240
aaagaactgc atgcatatta tttagcgtcc tatattcaaa ggatattctt ggtgatctt 300
gaagtgtccg tatcatggaa tcaatctcta tgatgggaag ccctaagagc ctttagtggaa 360
cttgtttacc taatggcata aatggtatca aagatgcaag gaaggtcaact gttaggtgtga 420
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<210> 4
<211> 493
<212> DNA
<213> *Homo sapiens*

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<220>
<221> misc_feature
<223> Incyte ID No: 6912820J1
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tcctcatgtg gtagatgtca ctcatcatga agatgctctc acaaaaacaa atataatatt 180
tgttgcata cacagagaac attataccctc cctgtggac ctgagacatc tgcttgtgg 240
taaaatctg attgatgtga gcaataacat gaggataaac cagtacccag aatccaatgc 300
tgaatatttg gtttcattat tcccagattc ttgattgtc aaaggattt atgtgtctc 360
agcttggca cttcagttag gacctaagga tgccagccgg caggttata tatgcagcaa 420
caatattcaa ggcgacaac aggttattga acttgcggc cagttgaatt tcattccat 480
tgacttggga tcc 493

<210> 5
<211> 403
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 4647117F6

<220>
<221> unsure
<222> 316, 321, 339
<223> a, t, c, g, or other

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acctaaggat gccagccggc aggtttatat atgcagcaac aatattcaag cgcgacaaca 120
ggttattgaa cttgccccgc agttgaattt cattccatt gacttggat ctttatcatc 180
agccagagag attgaaaatt taccctacg actctttact ctctggagag ggccagtggt 240
ggtagctata agcttggcca cattttttt ctttattcc tttgtcagag atgtgattca 300
tccatatgct agaaaancaac ngagtactt ttacaaacnt tctatagaga ttgtgaataa 360
aaccttacct atagttgcca ttacttgct cccctagta tac 403

<210> 6
<211> 560
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 7004364H1

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attacttgc tcccttagt atacccgc ggtcttctgg cagctgctta tcaactttat 180
tacggcacca agtataaggag atttccacct tggggaaa cctggttaca gtgtagaaaa 240
cagcttggat tactaagttt tatctcgct atggtccatg ttgcctacag cctctgctta 300
ccgatgagaa ggtcagagag atattgttt ctcacatgg cttatcagca ggttcatgca 360
aatattgaaa actcttggaa tgaggaagaa gtttggagaa ttgaaatgtt tatctccctt 420
ggcataatga gccttggctt actttccctc ctggcagtc cttctatccc ttcagtgagc 480
aatgcttaa actggagaga attcagttt attcagtcacttgcata tgtcgcttg 540
ctcataagta cttccatgt 560

<210> 7
<211> 265
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<223> Incyte ID No: 70351677D1

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ccatccataaa attaaaacat ggaaagtact tatgagcaga gcgacatatac caagtgtaga 180
ctgaataaaa ctgaattctc tccagttaa agcattgctc actgaaggga tagaagtgac 240
tgccaggagg gaaagtaagg caagg 265

<210> 8
<211> 204
<212> DNA
<213> Homo sapiens

<220>
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<223> Incyte ID No: 4108079H1

<220>
<221> unsure
<222> 45, 83, 132
<223> a, t, c, g, or other

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tggggaaaga gnccgatttc tggagaagg tctgggaggg acaattcgca tgtcgccccg 180
gagagggtca cagtaatggg atga 204

<210> 9
<211> 265
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 4669848H1

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tgggttggaa cttgttaaat gagatttcaa ctgacttagt gatagaggtt tcttcaagtt 180
aattttcaca aatgtcatgt ttgccaatat gaattttct agtcaacata ttattgtaat 240
tttaggtatgt ttgtttttgt tttgc 265

<210> 10
<211> 525
<212> DNA
<213> Rattus norvegicus

<220>
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<223> Incyte ID No: 702819778T1

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 tgcttccat gaccacgtga tagccgcacc tgataagccg aatggtcaga gacttggcaa 180
 aatccccact tccttatcacc cccacgggtga cttcccttgc gtcttgcata ccgtttatgc 240
 cattaggcaa aaacgtctcc agggtcttag ggcttccat catagagatg gattccatgg 300
 tagagactct tctaagatca ccaggaatgc cctggaaatc ttaaggtgta gcttctcact 360
 cagaggagct ggagggaggg tccttcggcg ctgctggact ctggaactgc ctacgtgtag 420
 tgaggagggc ctccgcgccc tcctctcccg gccacggtcg cagcgcgcg ccgtggctcc 480
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<210> 11

<211> 339

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: g6572948

<400> 11

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	20								25				30	
Asp	Thr	Gly	Glu	Thr	Ser	Met	Leu	Lys	Arg	Pro	Val	Leu	Leu	His
	35								40				45	
Leu	His	Gln	Thr	Ala	His	Ala	Asp	Glu	Phe	Asp	Cys	Pro	Ser	Glu
	50								55				60	
Leu	Gln	His	Thr	Gln	Glu	Leu	Phe	Pro	Gln	Trp	His	Leu	Pro	Ile
	65								70				75	
Lys	Ile	Ala	Ala	Ile	Ile	Ala	Ser	Leu	Thr	Phe	Leu	Tyr	Thr	Leu
	80								85				90	
Leu	Arg	Glu	Val	Ile	His	Pro	Leu	Ala	Thr	Ser	His	Gln	Gln	Tyr
	95								100				105	
Phe	Tyr	Lys	Ile	Pro	Ile	Leu	Val	Ile	Asn	Lys	Val	Leu	Pro	Met
	110								115				120	
Val	Ser	Ile	Thr	Leu	Leu	Ala	Leu	Val	Tyr	Leu	Pro	Gly	Val	Ile
	125								130				135	
Ala	Ala	Ile	Val	Gln	Leu	His	Asn	Gly	Thr	Lys	Tyr	Lys	Phe	
	140								145				150	
Pro	His	Trp	Leu	Asp	Lys	Trp	Met	Leu	Thr	Arg	Lys	Gln	Phe	Gly
	155								160				165	
Leu	Leu	Ser	Phe	Phe	Ala	Val	Leu	His	Ala	Ile	Tyr	Ser	Leu	
	170								175				180	
Ser	Tyr	Pro	Met	Arg	Arg	Ser	Tyr	Arg	Tyr	Lys	Leu	Leu	Asn	Trp
	185								190				195	
Ala	Tyr	Gln	Gln	Val	Gln	Gln	Asn	Lys	Glu	Asp	Ala	Trp	Ile	Glu
	200								205				210	
His	Asp	Val	Trp	Arg	Met	Glu	Ile	Tyr	Val	Ser	Leu	Gly	Ile	Val
	215								220				225	
Gly	Leu	Ala	Ile	Leu	Ala	Leu	Ala	Val	Thr	Ser	Ile	Pro	Ser	
	230								235				240	
Val	Ser	Asp	Ser	Leu	Thr	Trp	Arg	Glu	Phe	His	Tyr	Ile	Gln	Ser
	245								250				255	
Lys	Leu	Gly	Ile	Val	Ser	Leu	Leu	Gly	Thr	Ile	His	Ala	Leu	

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260	265	270
Ile Phe Ala Trp Asn Lys Trp Ile Asp	Ile Lys Gln Phe Val Trp	
275	280	285
Tyr Thr Pro Pro Thr Phe Met Ile Ala	Val Phe Leu Pro Ile Val	
290	295	300
Val Leu Ile Phe Lys Ser Ile Leu Phe	Leu Pro Cys Leu Arg Lys	
305	310	315
Lys Ile Leu Lys Ile Arg His Gly Trp	Glu Asp Val Thr Lys Ile	
320	325	330
Asn Lys Thr Glu Ile Cys Ser Gln Leu		
335		